

# **Publications and Conceptual Plans**

**Resource Management Branch**



**B.C. Ministry of Agriculture and Lands**

## Ordering Publications

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### Resource Management Branch

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Publications identified with \$ are not stocked but contain valuable information; these must be ordered directly from the source for a fee.

BCMAL publications are available to our client audience (BC producers) at no charge. When there is a charge to non-clients the price is shown after the title of the publication.

Non-clients may obtain a copy of these manuals by contacting the Resource Management Branch.

## Publication Sources

AA	Alberta Agriculture	MWPS	Midwest Plan Service
AAEC	Atlantic Agriculture Engineering Committee	NOSCG	North Okanagan Soil Conservation Group
AC	Agriculture Canada	NRAES	Northeast Regional Agricultural Engineering Service
BCH	BC Hydro		
BCMAF	BC Ministry of Agriculture and Fisheries (now BCMAL)	OMAF	Ontario Ministry of Agriculture and Food
BCMAFF	BC Ministry of Agriculture, Food and Fisheries (now BCMAL)	PAMI	Prairie Agricultural Machinery Institute
BCMAL	BC Ministry of Agriculture and Lands	PFRA	Prairie Farm Rehabilitation Administration
BCME	BC Ministry of Environment	PLRC	Provincial Land Reserve Commission
BCMF	BC Ministry of Forests	PFRC	Pacific Forest Research Centre (EC)
BCSTTC	BC Soil and Tissue Testing Council	PNW	Pacific Northwest Extension
CPS	Canada Plan Service	PU	Purdue University
CSCG	Cloverdale Soil Conservation Group	SA	Saskatchewan Agriculture
DPCG	Dairy Producers' Conservation Group	U of C	University of California
EC	Environment Canada	VIDO	Veterinary Infectious Disease Organization
EFP	Environmental Farm Planning Program	WCB	Workers Compensation Board
F & O	Fisheries and Oceans Canada	*	BCMAFF Factsheet
FMB	Farm Machinery Board, Manitoba	L	Leaflet (Letter size - may include building directions)
HPSFG	Hog Producers' Sustainable Farming Group	LP	Leaflet and Plan (separate Blueprint)
ICBC	Insurance Corporation of BC	\$	The listed Publication is available only from the source for a fee
IIABC	Irrigation Industry Association of BC		
MAF	Manitoba Agriculture & Food		
MSU	Michigan State University		

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# Farm Mechanization

## Energy

- |           |   |           |   |
|-----------|---|-----------|---|
| 210.510-1 | Farm Storage and Handling of Petroleum Products *<br>1994   | 306.260-1 | Good Energy Management in Farm Livestock<br>Buildings (AC) 1986 |
| 210.510-2 | Propane as a Fuel for Vehicles and Tractors * 1982          | 430.200-1 | Micro Hydro Power * 1985  |
| 306.200-1 | Hot Water Floor and Space Heating (CPS) 1985                | 430.310-1 | Photovoltaics-Sunlight to Electricity In One Step *<br>1987     |
| 306.220-1 | Tuning Your Heating System for Maximum<br>Efficiency * 1985 |           |   |

## Feed and Grain Handling, Processing and Drying

- |           |   |           |   |
|-----------|---|-----------|---|
| 240.100-2 | Forage Handling Systems * 1982                        | 280.380-1 | Ginseng Dryer Operation * 1998  |
| 240.100-4 | Forage Harvesting, Storage & Feeding Losses *<br>1983 | 280.380-2 | Ginseng Dryer Design * 1998   |
| 240.300-2 | On-Farm Grain Handling & Storage Layouts (AA)<br>1989 | 372.100-3 | Planning Grain Handling & Storage Systems * 1987                                      |
| 240.330-1 | Heated Air Grain Dryers (AC) 1987                     | 372.100-8 | Natural Air Grain Drying: Minimum Airflow<br>Rates for B.C.'s Peace River Area * 1984 |
| 240.330-3 | Grain Aeration and Unheated Air Drying (MAF) 1986     | 372.300-2 | Silage - Make it Right! *   |

## Field Equipment

- |           |   |           |   |
|-----------|---|-----------|---|
| 200.000-4 | Members Handbook (Island Equipment Owners<br>Association) 2005  | 210.104-1 | Calcium-Water Table for Tractor Tires * 1986  |
| 200.100-1 | Farm Vehicles on the Move ICBC 2000                             | 222.500-1 | Wetland Meadow Development * 1991             |
| 200.200-1 | Farm Machinery Performance * 1980                               | 224.600-1 | Discers (AC) 1988                             |
| 200.200-2 | Matching Tractor Horsepower & Farm Implement<br>Size (MSU) 1977 | 224.650-1 | Conservation Tillage/Seeding Equipment * 1991 |
|           |   | 244.211-1 | Raspberry Cane Topping Machine * 1991         |

## Sprayers

- |           |   |           |  |
|-----------|---|-----------|--|
| 234.005-1 | Suggestions for Field Sprayer Operation &<br>Maintenance 1986 | 234.006-2 | Orchard Spray Drift Management * 2003  |
| 234.005-2 | Calibration Worksheet – Boom Sprayer * 1998                   | 373.130-1 | Designing Facilities for Pesticide and Fertilizer<br>Containment (NRAES) \$ 1992 |
| 234.006-1 | Drift Sensitive Areas * 2003                                  | 373.130-2 | On-Farm Pesticide Storage and Handling<br>Facility * 1994                        |

# Farm Structures and Livestock

## Conceptual Plans

Blueprint-type conceptual plans are also available on a wide range of livestock buildings and equipment. (See **Conceptual Plans** Section). The series covers beef cattle, dairy, poultry, swine, sheep, vegetable storages and a section on special structures. We offer, free of charge, one copy of any of these conceptual blueprints. Handbooks containing information about these plans can be viewed at any B.C. Ministry of Agriculture and Lands office.

## Farmstead Planning, Management and Building Construction

- |           |  |           |   |
|-----------|--|-----------|---|
| 300.000-1 | Farm Structures Program * 2000                                     | 375.250-1 | Anti-Slip Floors for Dairy Cattle * 1993                  |
| 301.000-1 | Engineering Consulting Services for Agricultural Structures * 2000 | 377.400-1 | Steel Buildings for Agriculture * 1990                    |
| 305.000-1 | Structurally Sound Farm Buildings * 1990                           | 378.600-3 | Wood Preservation on the Farm (BCMAFF) 1993               |
| 305.100-1 | Plan Farm Buildings as a System * 1980                             | 380.900-1 | Shortage of Bedding Sawdust in the Fraser Valley* 1984    |
| 305.100-2 | Farm Building Construction Check List * 1983                       | 384.200-2 | Rodent & Bird Control in Farm Buildings (CPS) 1985        |
| 305.100-3 | Farmstead Planning (AC)  | 384.200-4 | Rodent Control on Agricultural Land in B.C. (BCMAFF) 1986 |
| 305.105-1 | Farm Building Contractors in the Fraser Valley* 2005               | 384.200-6 | Control of Rats and Mice on Poultry Farms * 1996          |
| 305.105-2 | The Farm Building Contract * 1989                                  | 384.200-7 | Starlings and Livestock Farms * 2000                      |
| 375.130-1 | Chemically Resistant Concrete * 1989                               |           |   |

## Heat and Ventilation

- |           |  |           |  |
|-----------|--|-----------|--|
| 306.220-1 | Tuning Your Heating System for Maximum Efficiency * 1985                           | 306.435-3 | Pork Producers – Help for Your Ventilation Problems * 1984                       |
| 306.400-3 | Fan Ventilation Principles & Rates (CPS) 1987                                      | 306.445-1 | Greenhouse Ventilation (CPS) 1990  |
| 306.400-4 | Ventilation Handbook (BCMAFF) 1985   | 306.450-2 | Selecting Fans for Livestock Buildings (CPS) 1987                                |
| 306.405-1 | Natural Ventilation (CPS) 1990   | 306.480-1 | Fresh Air Inlets (CPS) 1987  |
| 306.406-2 | Troubleshooting Livestock & Poultry Ventilation Problems (CPS) 1987                | 306.490-1 | Minimizing the Chances of Ventilation Disasters * 1993                           |
| 306.406-3 | Ventilation Instruments (CPS) 1987   | 306.610-1 | Protecting Workers in Livestock Buildings from Dust and Gases (CPS)              |
| 306.408-1 | Ventilating & Heating Small Livestock Rooms (CPS) 1988                             | 306.610-2 | Farm Workers Health Problems Related to Air Quality inside Livestock Barns (CPS) |
| 306.410-1 | Ventilation of the Milking Complex * 1990  | 331.000-2 | Insulation & Vapour Barriers in Potato Storage Buildings (PNW) 1987              |
| 306.420-1 | Micro-Processor (Computer) Control of Ventilation for Livestock and Poultry * 1985 | 331.000-4 | Potato Storage Ventilation * 1999  |
| 306.435-2 | The Environment in Swine Housing (MSU) 1981  | 362.001-1 | Floor Heat for Swine (MSU) 1981  |

## Fencing

- |           |  |           |   |
|-----------|--|-----------|---|
| 307.000-0 | BC Agricultural Fencing Handbook (Binder of information) 2002                | 307.251-1 | Deer Exclusion Fencing for Orchards and Vineyards Using Woven Wire * 2001     |
| 307.000-1 | BC Agricultural Fencing Handbook - Table of Contents*                        | 307.252-1 | Elk Exclusion Using Woven Wire Fencing * 2001                                 |
| 307.050-1 | New Fence Construction - Types of Fences, etc. * 1996                        | 307.252-2 | Elk Exclusion Using Electric Fencing * 2001                                   |
| 307.050-2 | Fencing Planning and Estimating Worksheet * 1998                             | 307.260-1 | Livestock Control - Non-Electric Fence Designs * 1996                         |
| 307.050-3 | Fence Construction Safety * 1996   | 306.260-2 | Livestock Control - Electric Fence Designs * 1996                             |
| 307.050-4 | Estimating Beef Cattle Fencing Costs * 2003                                  | 307.260-3 | Pasture Fencing for Horses * 2002   |
| 307.100-1 | Commonly Used Wire for Agricultural Fences * 1997                            | 307.271-1 | Deer Farm Perimeter Fence * 1995  |
| 307.100-2 | Fence Wire:- Dispensing, Stapling, etc. * 1996                               | 307.300-1 | Introduction to Electric Fencing * 1996                                       |
| 307.100-3 | Droppers for Wire Fences * 1996  | 307.310-1 | Electric Fence Controllers * 1996   |
| 307.110-1 | Fence Posts - Materials, Installation, etc. * 1996                           | 307.320-1 | Grounding Systems for Electric Fences * 1996                                  |
| 307.131-1 | Splices for High Tensile Smooth Fencing Wire * 1984                          | 307.320-2 | Training, Testing and Trouble Shooting – Living with an Electric Fence * 1996 |
| 307.220-1 | Brace Assemblies for Wire Fences – What they are, How they work, etc. * 1996 | 307.400-1 | Gates, Cattleguards and Passageways * 1996                                    |
| 307.220-2 | Brace Assemblies for Wire Fences – End, Inline, etc. * 1996                  | 307.410-1 | Hinged Wire Gate * 1985   |
| 307.230-1 | Wind and Snow Fences * 1997  | 307.600-1 | Wire Fence Construction * 1996  |
| 307.250-1 | Crop Protection and Wildlife Control * 1996                                  | 307.600-2 | Wood Fence Construction * 1996  |

## Feed Storage

200.308-4	Silo Gas (CPS) 1982	372.100-9	Planning a Feed-Grain Storage for Beef Operations * 1987
200.308-6	Gas Poisoning on the Farm (AC) 1979	372.210-1	Planning a Hay Storage * 1987
305.800-1	Hay Floor Safety Fence * 1992	372.300-3	Planning a Horizontal Silo for Beef Operations * 1987
305.800-2	Hay Mow and Silo Fires * 1987	372.302-1	Safety Precautions for Filling Horizontal Silos * 1977
372.000-1	Grain Forage and Feed Structures (CPS) 1986	372.302-3	Sizing Horizontal Silos * 1985
372.100-3	Planning Grain Handling and Storage Systems * 1987		

## Beef

307.050-4	Beef Cattle Range Fencing Installed Costs * 1991	315.600-1	Corrals with Curved Lanes and Chutes * 1982
310.000-2	Beef Housing and Equipment Handbook (MWPS) \$ 1991	315.600-2	Corrals for Handling Beef Cattle (AA) \$ 1994
310.000-7	Beef Cattle Housing and Equipment – General Info (CPS) 1987	383.000-1	Manure Storage Structures * 1990
312.200-2	Establishing a Feedlot in BC – Legal and Practical Considerations * 1999	383.100-3	Field Storage of Solid Agricultural Waste * 1995

## Dairy

305.120-1	Farm Building Costs-Dairy-Fraser Valley * 1993	375.250-1	Anti-Slip Floors for Dairy Cattle * 1993
305.800-1	Hay Floor Safety Fence * 1992	380.900-1	Shortage of Bedding Sawdust in the Fr. Valley * 1984
306.410-1	Ventilation of the Milking Complex * 1990	381.200-1	Daily Scraping Manure Management Systems for Dairy Farms * 1991
320.000-1	Dairy Freestall Housing and Equipment (MWPS) 1997	381.210-1	Slotted Floor Free Stall Dairy Barn with Sub-Floor Manure Storage * 1985
320.000-4	Dairy Cattle Housing and Equipment (CPS) 1985	383.000-1	Manure Storage Structures * 1990
324.500-1	Tingle Voltage in Milking Parlours * 1984	383.100-1	Earth Bank Storages for Dairy Manures * 1978
324.500-2	Stray Voltage (CPS) 1987	383.100-2	Sizing Dairy Manure Storage Facilities * 1990
326.200-3	Free Stall Design * 1994	383.350-1	Gravity Flow Slurry Channel for Dairy Manure* 1990
326.200-4	Rubber Mats for Dairy Free Stalls * 1985	383.510-1	Circulatory Agitation Systems for Dairy Manure Storage Tanks* 1990
326.300-1	Dairy Calf Housing * 1975		
326.300-2	Housing for Healthier Calves * 1985		
326.370-1	Veal Calf Housing * 1983		

## Poultry

340.000-1	Poultry Housing (CPS) 1976	383.000-1	Manure Storage Structures * 1990
343.000-1	Growing a Small Flock of Turkeys (U of C) 1981	383.100-3	Field Storage of Solid Agricultural Waste * 1995
343.100-2	Raising Chukar Partridges (U of C) 1982	384.200-6	Control of Rats and Mice on Poultry Farms (BCMAFF) 1996
343.100-3	Raising Geese (U of C) 1981	384.300-1	Options for Handling Massive Bird Losses on Fraser Valley Poultry Farms * 1999
345.000-1	Recommended Code of Practice for the Care and Handling of Poultry from Hatchery to Processing Plant (AC) 1990		
380.900-1	Shortage of Bedding Sawdust in the Fraser Valley *1984		

## Goats

355.000-1 Dairy Goat Housing \* 1979

## Horses

307.260-3 Pasture Fencing for Horses \* 1994

373.500-1 Horse Housing & Equipment Handbook (MWPS) \$ 1974

386.000-5 Horses in the Community... A Yea or a Neigh ? \* 998

386.000-7 Building an Environmentally Sound Outdoor Riding Ring \* 1999

386.000-8 Environmentally Friendly Horse Farm Through Better Manure/Waste Management \* 2003

649.000-1 Horse Pasture Renovation \* 1998

649.000-2 The Basics of Horse Pasture Management \* 1998

655.000-2 Woodwaste Use - Precautions to Horse Owners ! \* 1992

## Sheep

350.000-1 Sheep Housing (CPS) 1974

350.000-3 Sheep Housing and Equipment Handbook (MWPS) \$ 1982

## Swine

306.435-2 The Environment in Swine Housing (MSU) 1981

306.435-3 Pork Producers - Help for Your Ventilation Problems \* 1984

360.000-2 Site and Facilities Planning for Swine Production (CPS) 1987

360.000-3 Swine Barn Construction & Services (CPS) 1987

360.000-5 Swine Housing and Equipment (CPS) 1986

362.001-1 Floor Heat for Swine (MSU) 1981

362.300-1 Farrowing Barn Design & Layout (VIDO) 1986

362.400-1 Swine Nursery Design & Management (VIDO) 1991

362.500-1 Feeder Barn Design & Management (VIDO) 1987

381.600-1 Odour Control on Swine Farms \* 1978

381.600-2 Swine Manure Systems (CPS) 1989

381.600-3 Swine Waste Management Systems \* 1982

381.610-1 Developing Good Dunging Habits of Swine on Partially Slotted Floors \* 1982

## Greenhouses

306.220-1 Tuning Your Heating System for Maximum Efficiency \* 1985

306.445-1 Greenhouse Ventilation (CPS) 1990

334.200-2 Hobby Greenhouses (AA) 1989

334.200-3 Greenhouse Equipment Suppliers and Contractors \* 2005

334.230-1 Greenhouse Heating Requirements (CPS) 1983

512.000-2 Bio-Sand Filtration \* 1999

## Other

720.000-1 Fish Pond Management \* 1985

770.000-1 Heliciculture – Culture of Edible Snails \* 1992

## Fruit and Vegetable

280.000-2	Basic Labeling Requirements for On-Farm Processed Food * 1989	331.000-2	Insulation and Vapour Barriers in Potato Storage Buildings (PNW) 1987
280.600-1	Refrigeration Principles * 1989	331.000-3	Planning Seed Potato Storages * 1988
280.600-2	Principles of Freezer Design * 1989	331.000-4	Potato Storage Ventilation * 1999
306.300-1	Refrigeration Requirements for Fruit and Vegetables * 1989	336.000-1	Support Systems for High Density Orchards (BCMAFF) 1989
306.300-2	Layout and Design of Refrigerated Storages* 1989	336.100-1	Installation of Bird Proof Netting for Horticultural Crops * 1992
306.300-3	Small Scale On-Farm Cold Storages * 1995	373.130-1	Designing Facilities for Pesticide and Fertilizer Containment (NRAES) \$ 1992
330.000-1	Commercial Storage of Fruits & Vegetables (AC) 1988	670.100-1	B.C. Frost Protection Guide (BCMAFF) \$5.00 1988
330.000-3	Storage of Fruits & Vegetables (BCMAFF)		

## Environment

### General

502.100-1	A Users' Guide to Working In and Around Water BCME	649.000-4	Grazing Frequency and Utilization * 2005
543.100-0	Drainage Management Guide EFP 2005	649.000-5	Seasonal Considerations for Grazing Management* 2005
551.400-0	Irrigation System Assessment Guide EFP 2005	649.000-6	Pasture Design * 2005
577.300-0	Irrigation Management Guide IIABC 2005	649.000-8	Monitoring Grazing Lands * 2005
648.000-3	Watershed Stewardship A Guide for Agriculture (F&O, BCME, BCMAFF)	649.000-9	Managing Grazing Lands During Drought * 2005
649.000-0	Grazing Management Guide EFP 2005	649.000-10	Pasture Management * 2005
649.000-3	Improving Livestock Distribution * 2005		

### Riparian

590.302-1	Watering Livestock Directly from Watercourses * 2005	649.000-7	Riparian Pasture Design * 2005
590.302-2	Improved Livestock Access to Water Using GeoGrids * 1994	810.210-12	Changes In and About A Stream * 2005
590.302-3	Offstream Watering to Reduce Livestock Use of Watercourses and Riparian Areas * 2006		

### Waste Management

383.100-3	Field Storage of Solid Agricultural Waste * 1995	384.300-3	Large Animal Disposal – OnFarm Burial Option for the South Coast Region of BC * 2005
386.000-2	Environmental Evaluation of Agricultural Operations – Checklist #1 General Farm/Ranch Concerns * 1999	386.000-7	Building an Environmentally Sound Outdoor Riding Ring * 1999
384.300-2	Large Animal Disposal – OnFarm Composting Option for the South Coast Region of BC * 2005	511.300-1	Water Quality Evaluation of Agricultural Runoff in the Lower Fraser Valley * 1994

### Water Conservation

500.310-1	Irrigation Tips to Conserve Water on the Farm * 2004	543.100-0	Drainage Management Guide (BCMAFF) 2005
577.100-1	Irrigation Scheduling Techniques * 1997		



# Waste Management

## Composting

382.500-0	B.C. Agricultural Composting Handbook (BCMAFF) Binder of Information 1998	382.500-13	Co-Composting with Off-Farm Wastes * 1996
382.500-1	Composting – Introduction * 1996	382.500-14	Economics of Composting * 1996
382.500-2	The Composting Process * 1996	382.500-15	Using Compost * 1996
382.500-3	Characteristics of On-Farm Composting Materials * 1996	382.500-16	Composting – Suggested Reading & References * 1996
382.500-4	Blending Materials for the Composting Process* 1996	382.500-17	Glossary of Composting Terms * 1996
382.500-5	Composting Methods * 1996	382.500-23	Composting to Reduce the Waste Stream (NRAES) \$ 1991
382.500-6	Site Selection for Composting * 1996	382.500-24	On-Farm Composting Handbook (NRAES) \$ 1992
382.500-7	Managing Agricultural Composting Systems * 1996	384.300-2	Large Animal Disposal – OnFarm Composting Option for the South Coast Region of BC * 2005
382.500-8	Managing Poultry Mortality Composting Systems * 1996	384.300-4	Large Animal Disposal – OnFarm Burial Option for the South Coast Region of BC * 2005
382.500-9	Managing Pork Mortality Composting Systems* 1996		
382.500-10	Mortality Compost Bin Design * 1996		
382.500-11	Composting – Environmental Concerns * 1996		
382.500-12	Regulations Affecting Composting * 1996		

## Waste Management

200.308-1	Beware of On-Farm Manure Storage Hazards (PU) 1982	386.000-7	Building an Environmentally Sound Outdoor Riding Ring * 1999
380.550-1	Copper Content of Soils on South Coastal BC Hog Farms * 1994	386.000-8	Environmentally Friendly Horse Farm Through Better Manure/Waste Management * 1999
380.700-1	Management & the Nutrient Value of Manure * 1982	387.100-1	Options for On-Site Domestic Sewage Disposal on Farm Land * 1996
380.750-2	Manure Gas (CPS) 1985	511.300-1	Water Quality Evaluation of Agricultural Runoff in the Lower Fraser Valley * 1994
381.200-2	Creating your own Environmental Farm Plan in South Coastal BC (DPCG) 1994	654.000-1	Use Caution When Bringing Non-Agricultural Waste or Products on to Your Farm! * 2000
382.910-2	Reducing Nitrogen & Phosphorus in Manure Through Ration Manipulation (HPSFG) 1993	655.000-1	Woodwaste Use in Agriculture – Precautions! * 1992
384.300-1	Options for Handling Massive Bird Losses on Fraser Valley Poultry Farms * 1999		

## Waste Handling and Treatment

381.200-1	Daily Scraping Manure Management Systems for Dairy Farms * 1990	382.370-1	Fan Engineering Manure Separator – Operation and Performance * 1994
381.210-1	Slotted Floor Free Stall Dairy Barn with Sub-Floor Manure Storage * 1985	382.910-1	Manure Treatment Options vs Available Land Base * 1994
381.600-2	Swine Manure Systems (CPS) 1989	383.000-1	Manure Storage Structures * 1990
381.600-3	Swine Waste Management Systems * 1982	383.100-1	Earth Bank Storages for Dairy Manure * 1978
381.610-1	Developing Good Dunging Habits of Swine on Partially Slotted Floors * 1982	383.100-2	Sizing Dairy Manure Storage Facilities * 1990
382.260-1	Sequencing Batch Reactor Waste Treatment System * 1993	383.100-3	Field Storage of Solid Agricultural Waste * 1995
382.340-1	Hog Slurry Separation with a Centrifuge * 1994	383.350-1	Gravity Flow Slurry Channel for Dairy Manure * 1990
		383.510-1	Circulatory Agitation Systems for Dairy Manure Storage Tanks * 1990

# Soil

## Soil Amendment

- |           |   |           |  |
|-----------|---|-----------|--|
| 610.000-2 | Soil Improvement Methods for Home Garden * 1991         | 637.100-1 | Soil pH (BCMAFF) * 2001  |
| 610.000-3 | Managing Clay Soils for Backyard Gardens & Lawns * 1991 | 637.200-1 | Soil Liming Understanding Your Soil Test Recommendation * 1993                       |
| 610.000-4 | Materials for Improving Garden Soil Structure * 1991    | 637.200-2 | Evaluation of Agricultural Limestone * 1985  |
| 610.000-5 | Buying Topsoil * 1991                                   | 638.100-1 | Acidifying Soils * 1991  |
| 637.000-1 | Liming Acid Soils in Central B.C. * 1991                | 654.000-1 | Use Caution When Bringing Non-Agricultural Waste or Products on to Your Farm! * 2000 |
| 637.000-2 | Soil Acidity and Liming Facts * 1991                    |           |  |

## Soil Conservation

- |           |   |           |   |
|-----------|---|-----------|---|
| 533.410-1 | Broken Rock Rip Rap Bank Protection * 1985                                      | 614.000-2 | Cloverdale Soil Conservation Group Final Report: Part 3 Organic Soil Management for Vegetable Farmers (CSCG) 1994 |
| 590.302-2 | Improved Livestock Access to Water Using Geogrids * 1994                        | 641.220-1 | Estimating Crop Residue Cover for Soil Erosion Control * 2000   |
| 610.000-1 | Soil Management Handbook for the Lower Fraser Valley (BCMAFF) 1991              | 642.200-1 | Control of Wind Erosion * 2003  |
| 610.000-6 | Soil Management Handbook for the Okanagan and Similkameen Valleys (BCMAFF) 1994 | 648.000-1 | Protecting Your Shorelands (F&O)  |
| 613.100-1 | Soil Compaction * 1990  |           |   |

## Soil Fertilization

- |           |   |           |  |
|-----------|---|-----------|--|
| 380.700-1 | Management & the Nutrient Value of Manure * 1982                                      | 631.004-1 | Sulphur Deficiencies in Central B.C. * 1991  |
| 611.100-1 | Soil Sampling * 2003  | 631.011-1 | Use of Manganese on Organic Soils * 1991   |
| 611.100-2 | Soil Sampling in Fertilizer-Banded Fields * 1991                                      | 631.012-1 | Boron for Field Crops * 1991   |
| 614.000-1 | Micronutrients for Crops Grown on Organic Soils * 1991                                | 631.500-7 | B.C. Agricultural Testing Laboratories * 2003                                      |
| 630.000-1 | Fertility Management and Placement in Peace River Conservation Tillage Systems * 1991 | 633.000-1 | Fertilizer Management for Canola in Central B.C. * 1985                            |
| 631.000-1 | Do You Need Micronutrient Fertilizers? * 1991   | 634.000-1 | Soil Laboratories in B.C. * 1988   |
| 631.001-1 | Safe and Efficient Nitrogen Use * 1990  | 634.100-2 | Soil Test Analysis Methods for British Columbia Agricultural Crops (BCSTTC) 1992   |
| 631.001-2 | Nitrogen Fertilization as Related to Soil pH * 1991                                   | 634.200-1 | Nitrogen Recommendations for Raspberries for South Coastal British Columbia * 1999 |
| 631.001-3 | Nitrogen Guidelines for Silage Corn Production in the North Okanagan (NOSCG) 1994     | 651.001-1 | Nutrient Management Plans * 1999   |
| 631.001-4 | Nitrogen Guidelines for Silage Corn Production in South Coastal B.C. (DPCG) 1994      | 652.000-1 | On-Farm Measurement of Ammonia in Manure with Agros Quick Tester (HPSFG) 1994      |

## Nutrient Management

- |           |   |           |  |
|-----------|---|-----------|--|
| 631.500-1 | Soil Sampling for Nutrient Management * 2005            | 631.500-5 | Potassium Considerations in Nutrient Management * 2005       |
| 631.500-2 | Forage Crop Sampling for Nutrient Management * 2005     | 631.500-6 | Choosing and Calibrating Manure Application Equipment * 2005 |
| 631.500-3 | Manure Sampling for Nutrient Management * 2005          | 631.500-7 | British Columbia Agricultural Testing Laboratories *         |
| 631.500-4 | Phosphorus Considerations in Nutrient Management * 2005 |           |  |

# Water

## Drainage

- 222.500-1 Wetland Meadow Development \* 1991  
373.020-1 Bridge Construction \* 2005  
502.000-5 Canada's Fish Habitat Law (F & O) 1991  
525.140-1 Drainage Contractors \* 1992  
525.500-1 B.C. Agricultural Drainage Manual (BCMAFF) \$20.00 1997  
527.100-1 Federal Fisheries Act and Watercourse Maintenance \* 2004  
527.110-1 Fish Salvage \* 2005  
527.200-1 Drainage Water Quality \* 2005  
528.000-1 Benefits of Drainage \* 1999  
531.000-1 Preparing a Farm Drainage Plan \* 1999  
532.000-1 Subsurface Drainage Plan \* 1984  
532.000-2 Special Care in the Installation of Subsurface Drainage on Sloping Land \* 2000  
532.100-1 Subdrain System Design Nomograph \* 1983  
533.410-1 Rock Revetments for Constructed Ditches \* 2004  
533.430-1 Ditch Bank Stabilization Techniques \* 2004  
533.431-1 Bio-Engineering Techniques \* 2004  
533.440-1 Bank Re-Vegetation for Agricultural Land \* 2004  
533.500-1 Agricultural Watercourse Classification \* 2005  
533.530-1 New Ditch Construction \* 2005  
533.530-2 Filling in Constructed Ditches \* 2005  
534.100-1 Farm Drainage Pumps \* 1998  
535.100-1 Planning for Agricultural Drainage \* 1997  
535.100-2 Agricultural Drainage Criteria \* 2002  
536.100-1 Forage Production on Poorly Drained Soils (in the Southern Interior of B.C.) (BCMAFF) 1992  
541.000-1 Subsurface Drainage System Installation \* 1984  
541.240-1 Drain Filters and Envelopes \* 2000  
541.300-1 Backhoe Installation of Subdrains Using "Grade Stake" Method \* 1983  
542.110-1 Backhoe Excavation of Ditches on Grade Using Hub Stakes \* 1985  
542.130-1 Water Control Structures for Organic Wetlands in the B.C. Interior \* 1984  
542.140-1 Culvert Installation in Constructed Ditches \* 2005  
543.000-1 Agency Contact Requirements for Channelized and Natural Streams \* 2005  
543.000-2 Fishery Timing Windows for Maintenance Work in Constructed Ditches \* 2005  
543.100-0 Drainage Management Guide (BCMAFF) 2005  
543.100-1 Agency Contact Requirements for Constructed Ditch Maintenance \* 2005  
543.100-2 Constructed Ditch Maintenance \* 2005  
543.110-1 Beaver Dam management \* 2005  
543.200-1 Maintenance and Checking of Performance of Subsurface Drainage Systems \* 1985  
543.300-1 Iron Ochre Problems in Agricultural Drains \* 1988  
543.300-2 Iron Ochre Control Methods – A Literature Review \* 1988  
545.000-1 Economics of Subsurface Drainage \* 1998  
564.000-1 Controlled Drainage/Subirrigation \* 1998  
641.300-1 Sediment Control \* 2004  
641.310-1 Sediment Traps \* 2004  
810.200-1 Agriculture GIS - Watercourse Classification \* 2000

## Irrigation

- 501.400-1 Measuring Water Flow (Along Streams, from Pipes, and From Nozzles) \* 2005  
502.100-4 Understanding an Water Licence \* 2005  
510.100-1 Farm Water Storage \* 2003  
510.100-2 Inspection & Maintenance of Dams – Dam Safety Guidelines (BCME) 2002  
512.000-1 Suggested Minimum Water Treatment Guidelines for Trickle Irrigation Systems in Okanagan \* 1981  
512.000-2 Treatment of Greenhouse Recirculation Water (Bio-Sand Filtration) \* 1999  
512.000-3 Treating Irrigation and Crop Wash Water for Pathogens \* 2003  
512.100-1 Freshwater Intake End-of-Pipe Fish Screen Guideline (F&O) 1995  
550.000-1 Preparing a Farm Irrigation Plan \* 1985  
550.100-1 Irrigated Area in British Columbia \* 1996  
551.400-0 Irrigation System Assessment Guide - EFP 2005  
552.000-1 B.C. Sprinkler Irrigation Manual (IIABC) \$ 1989  
552.000-2 Design & Operation of Irrigation Systems Near Electrical Transmission Lines \* 1984  
552.000-3 Sprinkler Irrigation Design Information \* 1988  
565.000-1 B.C. Trickle Irrigation Manual (IIABC) \$ 1999  
565.230-1 Trickle Irrigation Design Information \* 1987  
570.240-1 Pressure Ratings of PVC Pipe for Irrigation \* 1977  
570.500-1 Proper Usage of Flow Control Valve in Irrigation Systems \* 1983  
575.340-1 Centrifugal Pump Selection and Installation\* 2004  
577.200-1 Irrigation System Maintenance \* 1994  
577.300-0 B.C. Irrigation Management Guide IIABC 2005  
578.100-0 Chemigation Guidelines for British Columbia (BCMAFF) (Published Book) \$10.00 1993  
578.100-1 Chemigation Guidelines for British Columbia – Table of Contents \* 2003  
578.130-1 Irrigation System Cross Connection Control \* 1985  
578.300-1 Using Irrigation for Tree Fruit Cooling \* 1995  
580.000-3 Irrigation Economics \* 2000  
580.100-1 Agricultural Irrigation Equipment Dealers \* 2003  
580.200-1 Irrigation Equipment Costs - 1994 \*  
580-250-1 Reducing Pumping Costs by Increasing System Efficiency \* 1983  
595.000-1 Guide to Irrigation System Design with Reclaimed Water \* 2001  
670.100-1 B.C. Frost Protection Guide (BCMAFF) \$5.00 1988

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## Irrigation Scheduling

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- |           |  |            |  |
|-----------|--|------------|--|
| 500.300-2 | South East Kelowna Irrigation District Demand Management Project (BCMAFF) 2000 | 577.100-5  | Crop Coefficients for Use in Irrigation Scheduling * 2001                  |
| 500.310-1 | Irrigation Tips to Conserve Water on the Farm * 2004                           | 577.100-6  | Determining Evapotranspiration with Evaporation Pans * 2001                |
| 500.320-1 | WURLD Water Use Reporting and Land-Use Database * 2000                         | 577.100-7  | Developing A Sprinkler Irrigation Schedule Using Site Parameters * 2005    |
| 543.100-0 | Drainage Management Guide (BCMAFF) 2005  | 577.100-8  | Developing A Trickle Irrigation Schedule Using Site Parameters * 2005      |
| 563.600-1 | Evapotranspiration Rates for Turf Grass in BC * 1996                           | 577.100-9  | Determining Actual Annual Water Use of Sprinkler Irrigation Systems * 2005 |
| 577.100-1 | Irrigation Scheduling Techniques * 1997  | 577.100-10 | Determining Actual Annual Water Use of Trickle Irrigation Systems * 2005   |
| 577.100-2 | Irrigation Scheduling with Tensiometers * 1998                                 | 619.000-1  | Soil Water Storage Capacity and Available Soil Moisture * 2001             |
| 577.100-3 | Sprinkler Irrigation Scheduling Using A Water Budget Method * 2004             |            |  |
| 577.100-4 | Trickle Irrigation Scheduling Using Evapotranspiration Data * 2004             |            |  |

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## Farm Water Supply

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- |           |   |            |  |
|-----------|---|------------|--|
| 501.400-1 | Measuring Water Flow (Along Streams, from Pipes, and From Nozzles) * 2005 | 510.100-1  | Farm Water Storage * 2003                  |
| 502.100-4 | Understanding A Water Licence * 2005                                      | 512.200-2  | Liming Farm Ponds for Algae Control * 1985 |
| 503.000-1 | Pesticides and Groundwater (NRAES) \$ 1989                                | 590.000-1  | Private Water Systems (MWPS) \$ 1979       |
| 503.000-2 | Guidelines for Minimum Standards in Water Well Construction (BCME) 1984   | 810.210-12 | Changes In and About a Stream * 2005       |

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## Livestock Watering

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### Key Publications

- |           |   |
|-----------|---|
| 590.300-0 | B.C. Livestock Watering Handbook (BCMAL) 2006               |
| 590.300-1 | B.C. Livestock Watering Handbook - Table of Contents * 2006 |

### Livestock Water Requirements

- |           |  |           |  |
|-----------|--|-----------|--|
| 590.301-1 | Livestock Water Requirements – Quantity and Quality * 2006 | 590.301-3 | Algae, Cyanobacteria and Water Quality (PFRA) 2006 |
| 590.301-2 | Water Quality and Cattle (PFRA) 2006                       | 590.301-4 | Enhancing Livestock Water Quality * 2006           |

### Accessing Watercourses Directly

- |           |  |           |  |
|-----------|--|-----------|--|
| 590.302-1 | Watering Livestock Directly from Watercourses * 2006     | 590.302-3 | Offstream Watering to Reduce Livestock Use of Watercourses and Riparian Areas * 2006 |
| 590.302-2 | Improved Livestock Access to Water Using GeoGrids * 2006 |           |  |

### Developing Water Sources

- |           |  |           |  |
|-----------|--|-----------|--|
| 502.100-4 | Understanding a Water Licence * 2006                                     | 590.303-2 | Accessing Groundwater Sources * 2006   |
| 501.400-1 | Measuring Water flow – Along Streams, from Pipes and from Nozzles * 2006 | 590.303-3 | Accessing Surface Water Sources: Dugouts, Springs, Creeks, Rivers and Lakes * 2006 |
| 590.303-1 | Sources for Livestock Water * 2006                                       | 590.303-4 | Water Harvesters: Collecting Precipitation * 2006                                  |

## Livestock Watering continued

### Designing Livestock Watering Systems

- |           |   |           |   |
|-----------|---|-----------|---|
| 590.304-1 | Livestock Watering System Design #1 – Flow Rate, Pressure, Storage and Trough Size * 2006 | 590.304-5 | Understanding Gravity-Flow Pipelines: - Water Flow, Air Locks and Siphons. * 2006 |
| 590.304-2 | Livestock Watering System Design #2 – Selecting Small Diameter Pipe * 2006                | 590.304-6 | Selecting Flow-Through Rates to Frost-Proof Water Troughs * 2006                  |
| 590.304-3 | Livestock Watering System Design #3 – Calculating Pumping Requirements * 2006             | 590.304-7 | Storage Tanks for Livestock Watering Systems * 2006                               |
| 590.304-4 | Livestock Watering System Design #4 – Design Worksheet * 2006                             | 590.304-8 | Conversion of Water-Related Units * 2006  |

### Pumping Livestock Water

- |           |  |            |   |
|-----------|--|------------|---|
| 590.305-1 | Pumping Livestock Water : - It's All About the Energy Choices ! * 2006 | 590.305-7  | Using Livestock Energy to Pump Livestock Water * 2006         |
| 590.305-2 | Pumps for Livestock Watering Systems * 2006                            | 590.305-8  | Using Stream Energy to Pump Livestock Water * 2006            |
| 590.305-3 | Powering Livestock Watering Pumps * 2006                               | 590.305-9  | Using A Hydraulic Ram to Pump Livestock Water * 2006          |
| 590.305-4 | Using Wind Energy to Pump Livestock Water * 2006                       | 590.305-10 | Using A Modified Hydraulic Ram to Pump Livestock Water * 2006 |
| 590.305-5 | Using Gravity Energy to Pump Livestock Water * 2006                    |            |   |
| 590.305-6 | Using Solar Energy to Pump Livestock Water * 2006                      |            |   |

### Summer Outdoor Livestock Watering

- |           |   |           |   |
|-----------|---|-----------|---|
| 590.306-1 | Summer Livestock Water Troughs * 2006   | 590.306-4 | Alternative Livestock Watering Facilities (Ducks Unlimited)                           |
| 590.306-2 | Installing Summer Livestock Watering Systems-General Specifications and Requirements * 2006 | 590.306-5 | The Stockman's Guide to Range Livestock Watering from Surface Water Sources (PAMI) \$ |
| 590.306-3 | Rangeland Livestock Water Trough-Design-Installation-Maintenance * 2006                     |           |   |

### Winter Outdoor Livestock Watering

- |           |   |           |  |
|-----------|---|-----------|--|
| 590.307-1 | Winter Considerations of Livestock Watering: - Ice Formation, Freezing Index and Frost * 2006 | 590.307-3 | Winter Outdoor Livestock Watering * 2006 |
| 590.307-2 | Frost-Free Hydrants * 2006  | 590.307-4 | Energy Free Water Fountains (PAMI) 2006  |

## Drought

- |           |   |           |  |
|-----------|---|-----------|--|
| 665.000-1 | Managing Irrigated Forage Crops During Drought * 2005               | 665.000-5 | Irrigated Alfalfa Management Under Drought Conditions * 2005         |
| 665.000-2 | Key Drought Management Tips * 2005                                  | 665.000-6 | Alternate Forage Crops When Irrigation Water is Limited * 2005       |
| 665.000-3 | Forage Crops and Irrigation Management in Drought Conditions * 2005 | 665.000-7 | Drought Impacts on Soil Fertility * 2005                             |
| 665.000-4 | Irrigation Decisions with Limited Water * 2005                      | 665.000-8 | Tillage, Residue Management and Their Effect on Soil Moisture * 2005 |

## Water Conservation

- |           |  |           |   |
|-----------|--|-----------|---|
| 500.310-1 | Irrigation Tips to Conserve Water on the Farm * 2004 | 543.100-0 | Drainage Management Guide (BCMAFF) 2005 |
| 577.100-1 | Irrigation Scheduling Techniques * 1997              |           |   |

# Strengthening Farming

## Planning for Agriculture

- 800.300-1 The Countryside & You (BCMAFF) 1998
- 800.300-2 Strengthening Farming in BC – A Guide to Implementation of the Farm Practices Protection (Right to Farm) Act (BCMAFF) \$30.00 1996
- 820.110-1 Good Neighbour Farming 1996
- 820.110-2 Strengthening Farming Factsheet #1 - “Highlights” Farm Practices Protection (Right to Farm) Act \* 1996
- 820.110-3 Strengthening Farming Factsheet #2 - “Normal Farm Practice” and the “Right to Farm” \* 1996
- 820.110-4 Strengthening Farming Factsheet #3 - Resolving Public Concerns and Complaints \* 1996
- 820.110-5 Strengthening Farming Factsheet #4 - Local Government and the “Right to Farm” \* 1996
- 820.110-6 Strengthening Farming Factsheet #5 - Planning for Farming \* 1997
- 820.110-7 Strengthening Farming Factsheet #6 - Important Information for Local Government Subdivision Approving Officers \* 1996
- 820.110-8 Strengthening Farming Factsheet #7 - Important Information for Staff of Local Governments \* 1996
- 820.110-20 Growing Together – The Rural-Urban Connection Vol.1, No.1 Fall 1999
- 820.110-21 Growing Together – The Rural-Urban Connection Vol.1, No.2 Fall 2000
- 820.110-22 Growing Together – The Agriculture and Environment Connection Vol. 1, No.2 Winter 2000
- 820.110-23 Growing Together – The Agriculture and Environment Connection Vol. 3 No.1 Winter 2001
- 820.110-24 Growing Together – Farming in Partnership with Local Government Vol.3 No.2 Fall 2001
- 820.110-25 Growing Together – Local Governments Promote Agriculture Vol 4 No. 1 Fall 2003
- 820.110-26 Growing Together – Farming in Partnership with Local Government Vol.5. No. 1 Fall 2004
- 820.500-27 Growing Together – Farming in Partnership with Local Governments Vol 6. No.1 Fall 2005
- 820.500-1 Subdivision Near Agriculture – A Guide for Approving Officers (PLRC/BCMAFF) 1996
- 820.500-2 Planning Subdivisions Near Agriculture (PLRC/MAFF) 1997
- 822.410-1 Planning for Agriculture (PLRC) 1998
- 822.100-1 Protecting the Working Landscape of Agriculture 2005
- 822.420-1 Planning for Agriculture – Resource Materials (PLRC) \$50.00 1998
- 824.200-1 Guide to Using and Developing Trails in Farm and Ranch Areas (BCMAFF) 2005
- 824.200-2 Trails Through Agriculture Areas \* 2005
- 830.110-1 AgFocus – An Agricultural GIS 2001
- 830.110-2 AgFocus – An Agricultural GIS Overview 2001
- 830.110-3 AgFocus – Inventory 2003
- 840.000-1 Guide for Bylaw Development in Farming Areas (BCMAFF) 1998
- 870.214-1 Agricultural Complaint Handling Process – Peer Advisory Service \* 1998
- 870.214-2 Strengthening Farming – Concern Handling Program 1999
- 870.214-3 FPPA Concern – Referral Form – Part 1 and 2 1999
- 870.218-65 Farm Practices Protection (Right to Farm) Act 1997

## Agriculture Overviews

- 800.400-2 Agriculture Overview – Fraser Fort George Regional District 2001
- 800.400-3 Agriculture Overview – Fraser Valley Regional District 2001
- 800.400-4 Agriculture Overview – Maple Ridge 2001
- 800.400-5 Agriculture Overview – North Cowichan 2001
- 800.400-6 Agriculture Overview – Pitt Meadows 2001
- 800.400-7 Agriculture Overview – Prince George 2001
- 800.400-8 Agriculture Overview – Cowichan Valley Regional District 2001
- 800.400-9 Agriculture Overview – Richmond 2001
- 800.400-10 Agriculture Overview – Comox-Strathcona 2001
- 800.400-11 Salmon Arm – 2003
- 800.400-12 Penticton - 2003
- 800.400-13 Township of Spallumcheen
- 800.400-14 Regional District of Nanaimo
- 800.400-15 Greater Vancouver Regional District
- 800.400-16 Capital Region Regional District
- 800.400-17 Regional District of Thompson-Nicola
- 800.400-18 Regional District of Okanagan-Similkameen
- 800.400-19 Regional District of Squamish-Lillooet
- 800.400-20 Regional District of North Okanagan
- 800.400-21 Regional District of Peace River

## Agriculture in Brief for BC Regional Districts and Municipalities

800.405-2	Regional District of Alberni-Clayoquot * 2005	800.405-28	District of Mission * 2005
800.405-3	Regional District of Bulkley-Nechako * 2005	800.405-29	Greater Vancouver Regional District * 2005
800.405-4	Capital Regional District * 2005	800.405-30	City of Burnaby * 2005
800.405-5	District of Central Saanich * 2005	800.405-31	Corporation of Delta * 2005
800.405-6	District of Metchosin * 2005	800.405-32	Township of Langley * 2005
800.405-7	District of North Saanich * 2005	800.405-33	District of Maple Ridge * 2005
800.405-8	District of Saanich * 2005	800.405-34	District of Pitt Meadows * 2005
800.405-9	Cariboo Regional District * 2005	800.405-35	City of Richmond * 2005
800.405-10	Central Coast Regional District * 2005	800.405-36	City of Surrey * 2005
800.405.11	Regional District of Central Kootenay * 2005	800.405-37	Regional District of Kitimat-Stikine * 2005
800.405-13	Regional District of Central Okanagan * 2005	800.405-38	Regional District of Kootenay Boundary * 2005
800.405-14	City of Kelowna * 2005	800.405-39	Regional District of Nanaimo * 2005
800.405-15	District of Lake Country * 2005	800.405-40	Regional District of North Okanagan * 2005
800.405-16	Columbia Shuswap Regional District * 2005	800.405-41	District of Coldstream * 2005
800.405-17	District of Salmon Arm * 2005	800.405-42	District of Spallumcheen * 2005
800.405-18	Regional District of Comox-Strathcona * 2005	800.405-43	City of Vernon * 2005
800.405-19	Cowichan Valley Regional District * 2005	800.405-44	Regional District of Okanagan-Similkameen * 2005
800.405-20	District of North Cowichan * 2005	800.405-45	City of Penticton * 2005
800.405-21	Regional District of East Kootenay * 2005	800.405-46	District of Summerland * 2005
800.405-22	Regional District of Fraser-Fort George * 2005	800.405-47	Peace River Regional District * 2005
800.405-23	City of Prince George * 2005	800.405-48	Powell River Regional District * 2005
800.405-24	Fraser Valley Regional District * 2005	800.405-50	Squamish-Lillooet Regional District * 2005
800.405-25	City of Abbotsford * 2005	800.405-51	Sunshine Coast Regional District * 2005
800.405-26	City of Chilliwack * 2005	800.405-52	Thompson-Nicola Regional District * 2005
800.405-27	District of Kent * 2005	800.405-53	City of Kamloops * 2005
		800.405-54	Vancouver Island * 2005

## Farm Practices

870.218-0	Farm Practices in B.C. Reference Guide (BCMAFF) (Published Binder)	870.218-36	Feeding and Watering * 2004
870.218-1	Farm Practices in B.C. Reference Guide – Table of Contents * 2004	870.218-37	Fertilizers and Soil Conditioners * 2004
870.218-2	Farm Practices in B.C. – Introduction * 2004	870.218-38	Grain Handling * 2004
870.218-3	Agroforestry & Specialty Wood Crops * 2004	870.218-39	Habitat Management * 2004
870.218-4	Apiculture * 2004	870.218-40	Irrigation * 2004
870.218-5	Beef * 2004	870.218-41	Land Clearing * 2004
870.218-6	Berry * 2004	870.218-42	Lighting * 2004
870.218-7	Dairy * 2004	870.218-43	Livestock at Large * 2004
870.218-8	Field Vegetables * 2004	870.218-44	Manure Storage and Use * 2004
870.218-9	Finfish * 2004	870.218-45	Mobile Equipment * 2004
870.218-10	Forage * 2004	870.218-46	Mortality Disposal 8 2004
870.218-11	Fur Farms * 2004	870.218-47	Non-Agricultural Waste * 2004
870.218-12	Game Farming * 2004	870.218-48	Pesticides * 2004
870.218-13	Ginseng * 2004	870.218-49	Pest Management * 2004
870.218-14	Goats * 2004	870.218-50	Product Processing * 2004
870.218-15	Grain * 2004	870.218-51	Stationary Equipment * 2004
870.218-16	Grapes * 2004	870.218-52	Storage – General * 2004
870.218-17	Greenhouse * 2004	870.218-53	Hazardous Material * 2004
870.218-18	Horses * 2004	870.218-54	Stormwater Management * 2004
870.218-19	Mushroom * 2004	870.218-55	Structures * 2004
870.218-20	Nursery * 2004	870.218-56	Transportation * 2004
870.218-21	Organic Production * 2004	870.218-57	Ventilation * 2004
870.218-22	Pork * 2004	870.218-58	Weed Control * 2004
870.218-23	Poultry * 2004	870.218-59	Wildlife Damage Control – South Coastal BC * 2004
870.218-24	Sheep * 2004	870.218-60	Wildlife Damage Control – Interior BC * 2004
870.218-25	Shellfish * 2004	870.218-61	Woodwaste * 2004
870.218-26	Tree Fruits * 2004	870.218-62	Dust * 2004
870.218-27	Animal Care and Handling * 2004	870.218-63	Noise * 2004
870.218-28	Burning * 2004	870.218-64	Odour * 2004
870.218-29	Composting * 2004	870.218-65	Appendix A – Farm Practices Protection (Right to Farm) Act * 2004
870.218-30	Crop Residue Management * 2004	870.218-66	Appendix B – Federal Legislation * 2004
870.218-31	Cultivation * 2004	870.218-67	Appendix C – Provincial Legislation * 2004
870.218-32	Direct Farm marketing * 2004	870.218-68	Appendix D – Index of Publications * 2004
870.218-33	Drainage * 2004		
870.218-34	Farmstead Maintenance * 2004		
870.218-35	Farmstead Refuse * 2004		

## Miscellaneous

### Legislation, Regulations, Guidelines and Financial Programs

060.000-1	Agency Contacts for Environmental Issues * 2003	870.212-1	Waste Management Act - Agricultural Waste Control Regulation 1992
502.000-1	A Users Guide to Working In and Around Water (BCME) 1998	870.212-2	Waste Management Act - Open Burning Smoke Control Regulation 1993
502.000-5	Canada's Fish Habitat Law (F&O) 1991	870.212-3	A Guide to Open Burning Smoke Control Regulation 2000 (BCME)
870.000-1	Environmental Legislation Affecting Agriculture * 1998	870.218-65	Farm Practices Protection (Right to Farm) Act 1997
870.000-2	Enforcement Procedures of Regulatory Agencies * 1998		



## Metric Conversion

055.100-1	The Metric Section of Land * 1982	055.100-4	Metric Fact Sheet (CPS) 1985
055.100-2	Convenient Conversion of Acres to Hectares* 1982	055.100-5	Building in Metric (CPS) 1981

## Safety

200.308-1	Beware of On-Farm Manure Storage Hazards (PU) 1982	306.610-2	Farm Workers Health Problems Related to Air Quality Inside Livestock Barns (CPS)
200.308-4	Silo Gas (CPS) 1982	372.302-1	Safety Precautions for Filling Horizontal Silos * 1977
200.308-6	Gas Poisoning on the Farm (AC) 1979	373.130-1	Designing Facilities for Pesticide and Fertilizer Containment (NRAES) \$ 1992
200.310-1	Pesticide Safety for Fieldworkers (WCB)	373.130-2	On-Farm Pesticide Storage and Handling Facility * 1994
200.311-1	Noise * 2001	375.250-1	Anti-Slip Floors for Dairy Cattle * 1993
305.800-1	Hay Floor Safety Fence * 1992	380.750-2	Manure Gas (CPS) 1985
305.800-2	Hay Mow and Silo Fires * 1987		
306.610-1	Protecting Workers in Livestock Buildings from Dust and Gases (CPS)		

## Conceptual Plans

### Beef

310-00	Beef Cattle Housing & Equipment – General Information (L) (CPS) 1984	314-13	Portable Calf Creep Grain Feeder (LP) (CPS) 1976
310-01	Beef Feeding Barn – Drive-Through Feed Alley 400 Head (LP) (BCMAFF) 1982	314-14	Mineral Feeder – Weather Vane (L) (CPS) 1979
310-02	Open-End Beef Barn – Drive-Through Feeding (LP) (CPS) 1976	314-15	Mineral Feeder – Wood Box (L) (CPS) 1985
310-03	Beef Feeding Barn – Wedge Pack Bedding 400 Head (LP) (BCMAFF) 1982	314-16	Tombstone Feed Fence (L) (BCMAFF)
310-05	Calving Barn – Pole Frame (LP) (CPS) 1985	314-21	Fenceline Feed Bunk – All Wood (L) (CPS) 1974
310-06	Calf Range Shelter – Pipe Frame (L) (CPS) 1985	314-22	Fenceline Feed Bunk – Wood / Concrete (L) (BCMAFF)
310-07	Calf Range Shelter – 20 Calves – Gable Roof (L) (CPS) 1980	314-23	Fenceline Feed Bunk – Precast Concrete (L) (BCMAFF)
310-08	Calf Range Shelter – 20 Calves – Shed Roof (L) (CPS) 1979	314-24	Portable Silage Bunk (L) (CPS) 1980
312-11	Cow/Calf Overwintering – South Slope (LP) (BCMAFF) 1978	314-25	Calf Feed Bunk (L) (BCMAFF)
312-21	Dryland Beef Feedlot – 800 Head (LP) (CPS) 1975	315-00	Beef Cattle Handling Facilities – General Information (L) (CPS) 1986
312-22	Dryland Beef Feedlot – South Slope (LP) (CPS) 1975	315-01	Corral Gate and Fencing (L) (BCMAFF) 1982
312-23	Dryland Beef Feedlot – Diagonal Slope (LP) (CPS) 1975	315-02	Crowding Gate (L) (CPS) 1983
312-24	Backgrounding Feedlot (LP) (BCMAFF) 1979	315-03	Working Chute (L) (CPS) 1984
314-01	Slant Bar Feeder for Round Bales (L) (BCMAFF)	315-04	Blocking Gates (L) (CPS) 1984
314-02	Slant Bar Feeder for Round Bales – Steel (L) (CPS) 1985	315-05	One Way Block Gate – Adjustable (L) (BCMAFF) 1978
314-03	Tombstone Feeder for Round Bales (L) (CPS) 1985	315-06	Single Animal Scale & Scale Cage (L) (SA) 1985
314-04	Tombstone Feeder for Round Bales – With Roof (L) (BCMAFF)	315-07	Loading Chute Portable Adjustable (L) (CPS) 1984
314-05	Electric Two Wire Feeding for Round Bales (L) (CPS) 1983	315-08	Loading Chute Stationary Adjustable (L) (CPS) 1984
314-06	Movable Feed Gates (L) (CPS) 1977	315-61	Minimum Working Corral (L) (CPS) 1975
314-07	Slant Bar Portable Hay Feeder (L) (CPS)	315-62	Small Working Corral (L) (CPS) 1975
314-08	V-Sided Hay Feeder (L) (CPS) 1980	315-63	Large Working Corral (L) (CPS) 1985
314-09	Slant Bar Hay Feeder on Hay Shed (L) (BCMAFF)	315-64	Working Corral with Covered Area (L) (BCMAFF) 1978
314-10	Portable Hay Self Feeder (L) (CPS) 1976	315-65	Curved Chute Corral (L) (SA) 1978
314-11	Portable Hay Self Feeder – Chopped Hay (L) (CPS) 1984	315-66	Working Corral with Curved Lanes (L) (BCMAFF) 1986
314-12	Portable Grain Self Feeder (L) (CPS) 1985	315-71	Beef Cattle A.I. Corral (LP) (BCMAFF) 1978
		315-72	Pregnancy Testing & A.I. Chute (L) (CPS) 1984
		315-73	Herringbone A.I. Breeding Chute (L) (CPS) 1984
		321-22	Wedge Pack Barn for Heifers or Feedlot Finishing Veal Calves (LP) (BCMAFF)
		326-10	Bullyard (L) (CPS) 1985

## Dairy

314-17	Tombstone Feed Fence for Young and Adult Cattle (L) (CPS) 1984	324-50	Parlour Grounding Methods (L) (BCMAFF)
314-18	Bunker Silo Feed Fence – Welded Steel Construction (LP) (BCMAFF) 1977	324-60	Milking Parlour Complex – 100 Cow Dairy System (L) (BCMAFF)
320-00	Dairy Cattle Housing and Equipment (LP) (CPS) 1985	324-61	Herringbone Milking Center – Single Return Alley (LP) (CPS) 1984
321-12	Free Stall Dairy System – Drive-Through Feed Bunk, 60 Cows and Replacements (LP) (BCMAFF) 1976	324-62	Herringbone Milking Center – Two Return Alleys (LP) (CPS) 1984
321-13	Free Stall Dairy System – 60 Cows (LP) (CPS) 1980	326-20	Free Stalls (LP) (BCMAFF) 1997
321-14	Free Stall Dairy System – Slotted Floors (LP) (CPS) 1984	326-33	Individual Calf Stall - Slotted Floor (L) (BCMAFF) 1981
321-15	Free Stall Dairy System – 100 to 200 Cows (LP) (CPS) 1984	326-35	Individual Floor Level Bedded Box Stall (L) (BCMAFF) 1985
321-16	Free Stall Dairy System – 200 Stalls (LP) (CPS) 1977	326-36	Individual Calf Pen (L) (CPS) 1984
321-20	Free Stall Dairy System – Drive Through Feed Bunk, 100 Cows and Replacements (LP) (BCMAFF)	326-37	Heifer Calf Tie Stall (LP) (CPS) 1983
321-23	Calf and Heifer Building – 100 Cow Dairy Operation (LP) (BCMAFF)	326-38	Portable Tie Stall Unit for Calves (L) (CPS) 1976
321-24	Bedded Pack Heifer Barn (LP) (CPS) 1988	326-39	Calf Hutch – Hinged Door on Front (L) (BCMAFF) 1985
321-25	Free Stall Dairy Calf and Heifer Barn (LP) (CPS)	326-40	Calf Hutch – Open Front (L) (CPS) 1982
321-26	Warm Calf Barn – 40 Individual Calf Stalls (LP) (BCMAFF)	326-50	Tilting Squeeze (LP) (MWPS) 1974
321-27	Cold Calf Barn – 20 Individual Calf Stalls (LP) (BCMAFF)	383-20	Open Circular Manure Storage Tank (LP) (CPS) 1992
321-28	Cold Calf Nursery (LP) (BCMAFF)	383-21	Open Rectangular Manure Storage Tank with Cantilever Walls (LP) (CPS) 1992
321-29	Warm Calf Nursery – Individual Pens (LP) (CPS) 1977	383-22	Open Rectangular Manure Storage Tank with Buttressed Walls (LP) (CPS) 1992
323-01	Bunker Silo Lean-To (LP) (BCMAFF)	383-23	Covered Circular Manure Storage Tank (LP) (CPS) 1992
324-30	Bulk Milk Tank Foundation for Tanks up to 11,500 Litres (3,000 USG) (L) (BCMAFF)	383-24	Covered Rectangular Manure Storage Tank (LP) (CPS) 1992

## Poultry

306-45	Light-Restricting Fan Houses and Air Inlets (L) (CPS) 1992	342-01	Two Storey Broiler House (LP) (BCMAFF) 1984
340-00	Poultry Housing and Handling (L) (CPS) 1976	342-02	General Purpose Single Storey Poultry House (LP) (CPS) 1987
341-01	Cage Laying House (LP) (BCMAFF) 1983		

## Sheep

350-00	Sheep Housing (L) (CPS) 1974	352-14	Grain Feeders for Lambs (L) (CPS) 1975
350-01	Open-End Pole Sheep Barn, Drive-Thru Feeding (LP) (CPS) 1976	352-20	Large Round Bale Sheep Feeder (LP) (CPS) 1981
350-02	Slotted Floor Sheep Barn (LP) (CPS) 1976	352-21	6-Sided Sheep Feeder (L) (CPS) 1975
350-03	Pole Frame Sheep Shed (LP) (CPS) 1975	352-22	Sheep Feed Rack (L) (CPS) 1983
351-21	Semi-Confinement Sheep Facilities for 1000 Ewes (LP) (CPS) 1975	352-23	Baled Hay Feeder (L) (CPS) 1984
351-22	Sheep Drylot Unit (LP) (CPS) 1975	352-24	Walk Through Sheep Feeder (L) (CPS) 1984
351-24	Lambing Unit (LP) (CPS) 1976	352-25	Portable Hay Feeding Fence for Sheep (L) (CPS) 1979
352-11	Portable Lambing Pen Panel with Equipment (L) (CPS) 1974	352-26	Sheep Fenceline Feeder – Wood Posts (L) (CPS) 1975
352-12	Stanchion Lambing Pen (L) (CPS) 1974	352-27	Hay and Grain Feeder for Sheep (L) (CPS) 1984
352-13	Lamb Creep Feeder (L) (CPS) 1984	352-28	Hanging Self Feeder (L) (CPS) 1979

## Sheep (continued)

352-29	Self Feeder for Concentrate Lamb Rations (L) (CPS) 1984	353-06	Sheep Spray Chute (LP) (CPS) 1977
352-30	Feed Cart (L) (CPS) 1985	353-07	Weighing Crate & Scale Frame (L) (CPS) 1976
352-31	Fixed Mineral Box (L) (CPS) 1980	353-08	Tilting Squeeze (LP) (MWPS) 1974
352-32	Portable Mineral Box (L) (CPS) 1980	353-20	Ewe Stanchion, Hoof Trimming Cradle & Lamb Castration Table (LP) (CPS) 1974
352-33	Mineral Box for Sheep (L) (CPS) 1974	353-51	Shearing Facilities (L) (CPS) 1976
353-01	Sheep Corral Unit (LP) (CPS) 1975	353-52	Shearing Table (LP) (CPS) 1975
353-02	Sheep Corral Fencing & Gates (L) (CPS) 1976	353-53	Shearing Floor & Fleece Sorting Table (L) (CPS) 1978
353-03	Spraying-Sorting Chute and Accessories (LP) (CPS) 1974	353-54	Fleece Packing Frame (L) (CPS) 1978
353-04	Working Chute (L) (CPS) 1981		
353-05	Sheep Loading Chute for Double Decker Truck (LP) (CPS) 1975		

## Swine

360-00	Swine Housing and Equipment (L) (CPS) 1986	362-33	Five-Room Farrowing, Five-Room Weanling Unit (LP) (CPS) 1985
362-01	Farrow-To-Finish Swine Barn – 30-Sow Unit (LP) (CPS) 1975	362-41	Weaner Unit, 28' Wide (LP) (CPS) 1978
362-03	Farrow-To-Finish Swine Barn – 75 to 150-Sow Unit (LP) (BCMAFF) 1987	362-51	Grower-Finisher Barn (LP) (CPS) 1984
362-04	Farrow-To-Finish Swine Barn – 100 to 200-Sow Unit (LP) (BCMAFF) 1986	362-52	Naturally Ventilated Grower-Finisher Barn (LP) (CPS) 1984
362-05	Farrow-To-Finish Swine Barn – 200-Sow Unit (LP) (BCMAFF) 1987	362-53	Modified Open-Front Grower-Finisher (LP) (CPS) 1984
362-21	Breeding-Gestation Unit, Pen Stalls and Group Pens (LP) (CPS) 1983	362-61	Gestation Pen Stalls (L) (CPS) 1984
362-22	Two-Room Breeding and Gestation Unit (LP) (CPS) 1984	362-62	Farrowing Pens (L) (CPS) 1980
362-31	One-Room Continuous Farrowing System – 50 Sows, Front Creeps (LP) (CPS) 1977	362-63	Welded Steel Farrowing Stall (L) (CPS) 1984
362-32	Three-Room Farrowing, Three-Room Weanling Unit (LP) (CPS) 1985	362-64	Hog Probing Crate (L) (BCMAFF) 1978
		381-22	Cast-In-Place Concrete Slotted Floors for Swine (L) (CPS) 1986
		383-12	Liquid Manure Storage Tank – 20 Ft. Wide (LP) (CPS) 1974

## Waste Management

381-21	Cast-In-Place Concrete Slotted Floors for Cattle (L) (CPS) 1985	383-14	Curbed Slab Manure Storage with Earth Banks (LP) (CPS) 1985
383-10	Concrete Manure Tank – 8 Ft. Deep (LP) (BCMAFF) 1983	383-15	Clay-Lined Manure Storage Pond – Optional Pumping Dock (LP) (BCMAFF) 1977
383-11	Concrete Manure Tank Roof Framing Details (LP) (BCMAFF) 1984	383-16	Small Agricultural Waste Storage – Wood Walls – 24 Ft. Wide Maximum (LP) (BCMAFF) 1996
383-13	Curbed Storage Slab for Stacked Manure (LP) (CPS) 1979	383-35	Gravity Flow Slurry Channel (LP) (BCMAFF) 1981

## Building Engineering

305-10	Steel Ceiling Diaphragm (LP) (CPS) 1982	305-37	Gambrel Roof Braced Rafters (L) (CPS) 1992
305-11	Steel Ceiling Diaphragm with Center Air Inlet (LP) (CPS) 1982	305-80	Hay Floor Safety Fence (LP) (BCMAFF) 1985
305-12	Steel Roof Diaphragm Wind Bracing with Stud Walls (L) (CPS) 985	306-40	Plastic Curtain Wall Ventilation (L) (CPS) 1984
305-13	Plywood Ceiling Diaphragm (LP) (CPS) 1985	306-41	Natural Ventilation Ridge Vents (L) (BCMAFF) 1987
305-15	Steel Ceiling Diaphragm with Air Inlets Both Sides (LP) (CPS) 1982	306-42	Tilt-In Wall Panel Ventilation (L) (CPS) 1983
305-30	Knee-Brace Systems for Wind Bracing Farm Buildings (L) (CPS) 1990	306-46	Adjustable Side Air Inlet (LP) (CPS) 1979
305-31	Stud Wall Bracing (L) (BCMAFF) 1981	306-48	Self-Adjusting Slot Air Inlets (L) (CPS) 1986
305-32	Building Your Own Roof Trusses (L) (CPS) 1986	306-49	Solar Ventilation Wall with Heat Storage (L) (CPS) 1984
305-33	Roof Truss Erecting & Bracing (L) (CPS) 1986	306-50	Prefabricated Insulated Roof Panels (LP) (CPS) 1982
305-34	Roof Truss Diagonal Bracing (L) (BCMAFF) 1981	306-51	Insulated Pole Frame Walls (LP) (CPS) 1982
305-35	Sliding Doors (L) (CPS) 1985	306-52	Insulated Stud Frame Walls (LP) (CPS) 1983
305-36	Large Bi-Fold Shop Door (LP) (CPS) 1987	314-40	Stray Voltage (L) (CPS) 1987

## Special Structures

316-11	Page Wire Fencing (L) (CPS) 1986	373-07	Clear Span Pole Barn - Open Front – Spans to 40 Ft. (LP) (CPS) 1987
316-12	Barbed Wire Field Fencing (L) (CPS) 1986	373-08	Clear Span Pole Barn Open Front – 24 Ft. Span (LP) (CPS) 1972
316-13	Barbed Wire Suspension Fencing (L) (CPS) 1986	373-09	Shed Roof Pole Barn – Open Front (LP) (CPS) 1975
316-14	Windbreak Fences (L) (CPS) 1983	373-10	Farm Workshop Stud Frame to 32 Ft. Span (LP) (CPS) 1977
316-31	Texas Gate (Vehicle Pass) (L) (CPS) 1985	373-11	Farm Storage Building 14 Ft. by 26 Ft. (LP) (CPS) 1973
355-01	Dairy Goat Milking Facility (L) (BCMAFF) 1979	373-12	Farm Storage Building 22 Ft. by 26 Ft. (LP) (CPS) 1973
355-02	100 Goat Milking Barn and Feed Area (LP) (CPS) 1981	373-51	Barn for Riding Horses – 3 Box Stalls (LP) (CPS) 1987
373-01	All Purpose Stud Frame Building to 60 Ft. Span (LP) (BCMAFF) 1983	373-52	Barn for Riding Horses – 6 to 10 Box Stalls (LP) (CPS) 1972
373-02	General Purpose Farm Storage – Stud Walls (LP) (CPS) 1985	373-53	Two Storey Horse Barn – Gambrel Roof (LP) (CPS) 1985
373-03	Machinery Storage (End Doors) – Pole Frame (LP) (CPS) 1985	373-55	Horse Stock Rack (L) (BCMAFF) 1983
373-04	Machinery Storage (Side Doors) – Pole Frame (LP) (CPS) 1976	373-56	Mineral Feeder for Horses (L) (CPS) 1977
373-05	All Purpose Building – Triple Span to 52 Ft. Max. (LP) (BCMAFF) 1983	373-61	240 Doe Rabbitry (LP) (CPS) 1984
373-06	Clear Span Pole Barn - Open End – Spans to 60 Ft. (LP) (CPS) 1976	373-62	Rabbit Hutches (LP) (CPS) 1979
		280-391	Cabinet Dryer (L) (BCMAFF) ....1999

## Feed Storage

372-00	Grain, Forage & Feed Structures – General Information (L) (CPS) 1986	372-23	Open Hay Shed Posts @ 8 Ft. & Double Trusses (LP) (BCMAFF) 1977
372-10	Concrete Footings for Steel Hopper – Bottom Bins (L) (CPS) 1989	372-24	Open/Closed Hay Storage for Round or Square Bales – Posts @ 8 Ft. & Trusses @ 4 Ft. (LP) (CPS) 1986
372-11	Foundation for Circular Steel Grain Bins (L) (CPS) 1986	372-25	Open/Closed Hay Shed – Posts @ 8 Ft. & Trusses @ 8 Ft. (LP) (CPS) 1978
372-12	Portable Self Supporting Grain Wall – 8 Ft. (L) (CPS) 1986	372-31	Covered Timber Bunker Silo – Single Compartment (LP) (BCMAFF) 1994
372-13	Portable Self Supporting Grain Wall – 4 Ft. (L) (CPS) 1986	372-33	Covered Timber Bunker Silo – Double Compartment (LP) (BCMAFF) 1994
372-14	Multiple Feed Bins – Plywood Construction (LP) (CPS) 1987	372-34	Covered Timber/Concrete Wall Bunker Silo (LP) (CPS) 1987
372-15	Portable Granary – 1,300 Bushels (LP) (CPS) 1980	372-35	Open Top Timber Wall Bunker Silo – 12 Ft. Wall (Braced) (LP) (CPS) 1976
372-16	Multiple Bin Granary – 13,200 Bushels (LP) (CPS)	372-36	Open Top Timber Wall Bunker Silo – 8 Ft. Wall (Braced) (L) (CPS) 1986
372-17	Clear Span Flat Granary – 20,000 Bushels (LP) (CPS) 1974	372-37	Open Top Timber Wall Bunker Silo – 8 or 10 Ft. Wall (L) (CPS) 1987
372-18	Grain Bin Arrangements (LP) (CPS) 1988	372-38	Open Top Concrete Wall Bunker Silo – 6, 8 or 10 Ft. Wall (LP) (CPS) 1972
372-19	Grain and Feed Processing Center (LP) (CPS) 1989	372-39	Open Top Precast Concrete Wall Bunker Silo – 8 to 20 Ft. (LP) (CPS) 1988
372-20	Dump Pit and Leg Boot (LP) (CPS) 1987	372-40	Heap Silos (L) (CPS) 1988
372-22	Open Hay Shed Posts @ 12 Ft. & Trusses @ 4 Ft. (LP) (BCMAFF) 1976		

## Fruit and Vegetable

305-14	Steel Ceiling Diaphragm for Bulk Vegetable Storages (LP) (CPS) 1982	331-05	Bulk Potato Storage with Side Air Plenum (LP) (CPS) 1985
306-53	Fruit and Vegetable Storage Insulation (L) (CPS) 1987	331-06	Two Bin Bulk Potato Storage (LP) (CPS) 1986
330-00	General Storage of Fruits and Vegetables (L) (CPS) 1985	331-07	Braced Rafter Bulk Vegetable Storage (LP) (CPS) 1979
330-11	Refrigerated Bulk Vegetable Storage Wall (LP) (CPS) 1983	331-08	Potato Bin Bulkhead (L) (CPS) 1994
330-12	Refrigerated Pallet Fruit & Vegetable Storage Wall (LP) (CPS) 1983	331-50	Small Root Cellar (L) (CPS) 1983
330-20	Walk-In Cooler/Freezer (LP) (CPS) 1984	332-10	Plywood Pallet Bin (L) (BCMAFF) 1988
331-01	Air Cooled Bulk Storage Walls (LP) (CPS) 1983	334-10	Hotbed and Coldframe (L) (CPS) 1972
331-02	Bulk Vegetable Storage – Interior Walls (LP) (CPS) 1983	334-20	Two Layer Polyethylene Greenhouse (LP) (CPS) 1982
331-03	Insulated Door for Bulk Vegetable Storages (LP) (CPS) 1979	334-21	Woodframe Greenhouse (LP) (BCMAFF) 1986
331-04	Controlled Atmosphere (CA) Storage (LP) (CPS) 1989	280-391	Cabinet Dryer (L) (BCMAFF) ....1999